

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	527	Mockel B/au	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 08:45
L2	38	L1 and Enolase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 08:56
L3	6688	Enolase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 08:57
L4	38	L3 and L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/31 08:57

	U	1	Document ID	Issue Date	Pages
1			US 20050112733 A1	20050526	35
2	X		US 20050112730 A1	20050526	38
3	X		US 20050089976 A1	20050428	13
4	X		US 20050032179 A1	20050210	14
5	X		US 20050003423 A1	20050106	14
6	X		US 20040229255 A1	20041118	18
7	X		US 20040220394 A1	20041104	14
8	X		US 20040214219 A1	20041028	18
9	X		US 20040209285 A1	20041021	14
10	X		US 20040142454 A1	20040722	15
11	X		US 20040063181 A1	20040401	25
12	X		US 20040043458 A1	20040304	51

13	X		US 20030219881 A1	20031127	63
14	X		US 20030199045 A1	20031023	35
15	X		US 20030175911 A1	20030918	65

	Title	Current OR	Current XRef
1	Process for the preparation of L-amino acids with amplification of the zwf gene	435/115	435/252.3; 435/320.1; 536/23.2
2	Nucleotide sequences which code for the opca gene	435/106	435/193; 435/252.3; 435/320.1; 435/69.1; 536/23.2
3	Nucleotide sequences coding for the lysRI gene	435/115	435/252.3
4	Nucleotide sequences coding for the ccpA1 gene	435/115	435/193; 435/252.3; 435/320.1; 435/69.1; 536/23.2
5	Nucleotide sequences which code for the lysR3 gene	435/6	435/199; 435/320.1; 435/325; 435/69.1; 536/23.2
6	Nucleotide sequence coding for the OtsA protein	435/6	435/194; 435/252.3; 435/320.1; 435/69.1; 536/23.2
7	Nucleotide sequences which code for the eno gene	536/23.1	
8	Nucleotide sequences which code for the tal gene	435/6	435/252.3; 435/320.1; 435/69.1; 530/350; 536/23.7
9	Nucleotide sequences which code for the ccpa2 gene	435/6	435/212; 435/252.3; 435/320.1; 435/69.1; 536/23.2
10	Nucleotide sequences which code for the mdhA gene	435/252.3	
11	Process for the preparation of L-amino acids using a gene encoding 6-phosphogluconate dehydrogenase	435/115	435/252.3
12	Coryneform bacteria which produce chemical compounds II	435/91.1	435/115; 435/252.3; 435/320.1; 435/471; 435/472; 435/66; 435/67

13	Coryneform bacteria which produce chemical compounds I	435/106	435/107; 435/108; 435/109; 435/252.3; 435/66; 435/67; 435/91.1
14	Process for the preparation of L-amino acids with amplification of the zwf gene	435/115	435/252.3; 435/476
15	Process for the preparation of L-amino acids with amplification of the zwf gene	435/115	435/252.3

	U	1	Document ID	Issue Date	Pages
16	X		US 20030170780 A1	20030911	15
17	X		US 20030138917 A1	20030724	22
18	X		US 20030119154 A1	20030626	25
19	X		US 20030109014 A1	20030612	23
20	X		US 20030100099 A1	20030529	14
21	X		US 20020192674 A1	20021219	19
22	X		US 20020151001 A1	20021017	14
23	X		US 20020127662 A1	20020912	10
24	X		US 20020086404 A1	20020704	13
25	X		US 20020082403 A1	20020627	16
26	X		US 20020081674 A1	20020627	14
27	X		US 20020068336 A1	20020606	14

28			US 20020037568 A1	20020328	15
----	--	--	-------------------	----------	----

	Title	Current OR	Current XRef
16	Nucleotide sequences coding for the lysR1 gene	435/69.1	435/183; 435/320.1; 435/325; 536/23.2
17	Nucleotide sequences which code for the opcA gene	435/106	435/115; 435/191; 435/193; 435/194; 435/252.3; 435/320.1; 435/69.1; 435/91.2
18	Process for the preparation of L-amino acids using a gene encoding 6-phosphogluconate dehydrogenase	435/115	435/189; 435/252.3; 435/320.1; 435/69.1; 536/23.2
19	Process for the fermentative preparation of L-amino acids with amplification of the tkt gene	435/115	435/106; 435/189; 435/193; 435/252.3; 435/320.1; 435/69.1; 536/23.2
20	Nucleotide sequences which code for the lysR3 gene	435/252.3	
21	Nucleotide sequence coding for the OtsA protein	435/6	435/196; 435/252.3; 435/320.1; 435/69.1; 536/23.2
22	Nucleotide sequences coding for the ccpA1 gene	435/115	435/193; 435/252.3; 435/320.1; 435/69.1; 536/23.2
23	Process for the fermentative preparation of L-glutamic acid using coryneform bacteria	435/110	435/189; 435/252.3
24	Nucleotide sequences coding for the luxR gene	435/226	435/320.1; 435/325; 435/69.1; 536/23.2
25	Nucleotide sequences which code for the eno gene	536/23.1	
26	Nucleotide sequences for encoding of the lysR2-Gene	435/115	435/193; 435/252.3; 435/320.1; 435/69.1; 536/23.2
27	Nucleotide sequences which code for the CcpA2 gene	435/115	435/193; 435/252.3; 435/320.1; 435/6; 435/69.1; 536/23.2

28	Nucleotide sequences which code for the mdhA gene	435/190	435/320.1; 435/325; 536/23.2
----	---	---------	------------------------------------

	U	1	Document ID	Issue Date	Pages
29	X		US 6902916 B2	20050607	12
30	X		US 6875586 B2	20050405	11
31	X		US 6838267 B2	20050104	13
32	X		US 6825029 B2	20041130	34
33	X		US 6812006 B2	20041102	13
34	X		US 6797509 B1	20040928	16
35	X		US 6713289 B2	20040330	15
36	X		US 6689586 B2	20040210	14
37	X		US 5753516 A	19980519	70

38			EP 1090998 A	20010411	15
----	--	--	--------------	----------	----

	Title	Current OR	Current XRef
29	Nucleotide sequences coding for the lysR1 gene	435/115	435/106; 435/252.1; 435/252.3; 435/320.1; 435/69.1; 536/23.1
30	Nucleotide sequences coding for the luxR gene	435/69.1	435/252.3; 435/252.32; 435/320.1; 536/23.1; 536/23.7
31	Nucleotide sequences coding for the ccpA1 gene	435/106	435/252.3; 435/252.32; 435/320.1; 435/69.1; 530/350; 536/23.1
32	Nucleotide sequences which code for the opcA gene	435/252.32	435/190; 435/252.3; 435/26; 435/320.1; 435/325; 530/350; 536/23.2
33	Nucleotide sequences which code for the lysR3 gene	435/106	435/252.3; 435/252.32; 435/320.1; 530/350; 536/23.1
34	Nucleotide sequences which code for the tal gene	435/252.3	435/193; 435/252.33; 435/320.1; 536/23.2; 536/23.7
35	Nucleotide sequences which code for the eno gene	435/115	435/106; 435/183; 435/252.3; 435/320.1; 435/41; 435/440; 435/442; 435/447; 435/471; 536/23.2; 536/23.7
36	Nucleotide sequences which code for the CcpA2 gene	435/69.1	435/252.3; 435/252.32; 435/320.1; 536/23.1
37	Screening method for ligands of the EBI-1 receptor	436/501	435/6; 435/7.1; 435/7.2; 435/7.8

38	New enolase gene from coryneform bacteria, used to prepare transformants with increased synthesis of amino acids, particularly lysine		
----	---	--	--

Refine Search

Search Results -

Terms	Documents
L4 AND Mockel B/au	9

Database: US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search: L6

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Monday, October 31, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<u>L6</u>	L4 AND Mockel B/au	9	<u>L6</u>
<u>L5</u>	L4 AND Mockel B	2056970	<u>L5</u>
<u>L4</u>	Enolase	2565	<u>L4</u>
<u>L3</u>	L2 and Enolase	2533	<u>L3</u>
<u>L2</u>	(Mockel B)/au	2056997	<u>L2</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>			
<u>L1</u>	(Mockel et al)/au	6145549	<u>L1</u>

END OF SEARCH HISTORY

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 9 of 9 returned.**

- ☐ 1. [6902916](#). 13 Jul 01; 07 Jun 05. Nucleotide sequences coding for the *lysR1* gene. Moeckel; Bettina, et al. 435/115; 435/106 435/252.1 435/252.3 435/320.1 435/69.1 536/23.1. C12P013/08.
- ☐ 2. [6875586](#). 13 Jul 01; 05 Apr 05. Nucleotide sequences coding for the *luxR* gene. Moeckel; Bettina, et al. 435/69.1; 435/252.3 435/252.32 435/320.1 536/23.1 536/23.7. C12P021/06.
- ☐ 3. [6838267](#). 27 Aug 01; 04 Jan 05. Nucleotide sequences coding for the *ccpA1* gene. Moeckel; Bettina, et al. 435/106; 435/252.3 435/252.32 435/320.1 435/69.1 530/350 536/23.1. C12P013/04.
- ☐ 4. [6825029](#). 03 May 02; 30 Nov 04. Nucleotide sequences which code for the *opcA* gene. Dunican; Laurence K., et al. 435/252.32; 435/190 435/252.3 435/26 435/320.1 435/325 530/350 536/23.2. C12N009/04 C12N015/00 C12N001/20 C12Q001/32 C07K017/00.
- ☐ 5. [6812006](#). 11 Dec 01; 02 Nov 04. Nucleotide sequences which code for the *lysR3* gene. Moeckel; Bettina, et al. 435/106; 435/252.3 435/252.32 435/320.1 530/350 536/23.1. C12P013/04.
- ☐ 6. [6797509](#). 20 Mar 00; 28 Sep 04. Nucleotide sequences which code for the *tal* gene. Dunican; Laurence Kieran, et al. 435/252.3; 435/193 435/252.33 435/320.1 536/23.2 536/23.7. C12N001/20 C12N015/00 C12N009/10 C07H021/04.
- ☐ 7. [6713289](#). 21 May 01; 30 Mar 04. Nucleotide sequences which code for the *eno* gene. Moeckel; Bettina, et al. 435/115; 435/106 435/183 435/252.3 435/320.1 435/41 435/440 435/442 435/447 435/471 536/23.2 536/23.7. C12N015/64 C12N009/00 C12N001/20 C12N015/00 C12N015/01 C12P013/04 C12P013/08 C07H021/04.
- ☐ 8. [6689586](#). 27 Aug 01; 10 Feb 04. Nucleotide sequences which code for the *CcpA2* gene. Moeckel; Bettina, et al. 435/69.1; 435/252.3 435/252.32 435/320.1 536/23.1. C12P021/06.
- ☐ 9. [5753516](#). 03 Feb 95; 19 May 98. Screening method for ligands of the EBI-1 receptor. Heagy; Wyrta E., et al. 436/501; 435/6 435/7.1 435/7.2 435/7.8. G01N033/566 C12Q001/68 C01N033/53.

[Generate Collection](#)[Print](#)

Terms	Documents
L4 AND Moeckel B/au	9

[Prev Page](#)[Next Page](#)[Go to Doc#](#)